

Application No. 09/550,163  
Amendment dated October 17, 2003  
Reply to Office Action of July 17, 2003

**AMENDMENT TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**IN THE CLAIMS:**

Claim 1 (Previously presented):

An isolated nucleic acid coding for a human MiRP1 polypeptide, said polypeptide having the amino acid sequence set forth in SEQ ID NO:2 or an isolated nucleic acid which is the full complement of said nucleic acid coding for a human MiRP1 polypeptide.

Claims 2-24 canceled.

Claim 25 (Previously presented):

An *in vitro* cell transfected with the nucleic acid of claim 1.

Claim 26 (Previously presented):

An *in vitro* cell transfected with the isolated nucleic acid of claim 70.

Claim 27 (Previously presented):

A vector comprising the isolated nucleic acid of claim 1.

Claim 28 (Previously presented):

A vector comprising the isolated nucleic acid of claim 70.

Claim 29 (Previously presented):

An *in vitro* cell transfected with the vector of claim 27.

Claim 30 (Previously presented):

An *in vitro* cell transfected with the vector of claim 28.

Claims 31-68 canceled.

Claim 69 (Previously presented):

The nucleic acid of claim 1 which is an RNA.

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Claim 70 (Previously presented):

An isolated nucleic acid coding for a mutated form of the MiRP1 polypeptide sequence set forth in SEQ ID NO:2, wherein said mutated form comprises SEQ ID NO:2 except for an amino acid change selected from the group consisting of an Ala at amino acid 8; a Glu at amino acid 9; a Thr at amino acid 54; and a Thr at amino acid 57.

Claim 71 (Previously presented):

An isolated nucleic acid comprising (a) a mutated form of the nucleotide sequence set forth in SEQ ID NO:1 or (b) the full complement of said mutated form, wherein said mutated form comprises nucleotides 74-442 of SEQ ID NO:1 except for a nucleotide change selected from the group consisting of: an A to a G at nucleotide 95; a C to a G at nucleotide 98; a T to a C at nucleotide 234; and a T to a C at nucleotide 243.

Claim 72-73 canceled.

Claim 74 (Previously presented):

An isolated nucleic acid encoding a human MiRP1 polypeptide having (a) the nucleotide sequence set forth in SEQ ID NO:1 or (b) a nucleic acid which is the full complement to said sequence.

Claim 75 (Previously presented):

The isolated nucleic acid of claim 74 which is an RNA.

Claim 76 (Previously presented):

An isolated nucleic acid which comprises nucleotides 24 to 442 of SEQ ID NO:1.

Claims 77-82 canceled.